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(57) Abstract: A method of producing a linear di-substituted pyridinium compound of the formula NC<sub>5</sub>R<sub>4</sub>-R'-[-Q+NC<sub>5</sub>R<sub>4</sub>-R'-]<sub>n</sub>-X using a solid support, wherein n is an integer, R is selected from hydrogen, hydroxyl, and substituted or unsubstituted alkyl, alkoxy, aryl, alkaryl, aralkyl, and alkenyl groups, R' is a first linking group, and Q- and X are, respectively, a counter ion and a group which can react with the solid support.

